p1105: Factoring when $a = $ prime (v15)

1. Factor the expression $7x^2 - 44x + 12$

$$(7x - 2)(x - 6)$$

2. Factor the expression $3x^2 + 13x - 30$

$$(3x - 5)(x + 6)$$

3. Factor the expression $3x^2 + 20x - 7$

$$(3x - 1)(x + 7)$$

4. Factor the expression $11x^2 - 98x - 9$

$$(11x + 1)(x - 9)$$

5. Factor the expression $11x^2 - 63x - 18$

$$(11x + 3)(x - 6)$$

6. Factor the expression $5x^2 + 27x - 56$

$$(5x - 8)(x + 7)$$

7. Factor the expression $11x^2 - 26x - 21$

$$(11x + 7)(x - 3)$$

8. Factor the expression $2x^2 + 11x + 15$

$$(2x + 5)(x + 3)$$

9. Factor the expression $11x^2 + 78x + 7$

$$(11x + 1)(x + 7)$$

10. Factor the expression $5x^2 - 12x - 9$

$$(5x + 3)(x - 3)$$